

APPENDIX A
DOCUMENTS REFERRED TO IN THE DEVELOPMENT AND PRODUCTION MANUAL

DOCUMENT	PREPARED BY	PURPOSE	DESCRIBED IN CHAPTER
1953 Agreement	DOE and DoD	Establishes DOE/DoD interrelationships for developing, producing, and maintaining nuclear weapons.	1.1
A Document	ONDP Technical Support Contractor	Describes weapon program in prose, illustrations, flow charts, and interproject group summaries for new production and retrofit.	3.3
Advance Planning Document	WPD	Contains program information, weapon description, production schedules, production assignments, and formal mission assignments.	3.2, 8.1
Advance Procurement Request	PAs through WPD	Authorizes commitment of production funds before general authorization for procuring and fabricating material and tooling.	9.3
ALR8 Container Projection and Special Nuclear Materials, Reservoirs, RTGs Status Report	Pantex Plant	Tracks receipts of containers against scheduled quantities at Pantex. Also identifies current quantities and category of items staged at Pantex and quantity of items shipped during last month.	4.4
AL Nuclear Materials Management Handbook	WSD	Contains administrative or contractual guidance for the management of programs using nuclear materials under the jurisdiction of AL.	10.3
AL Workload Planning Guide	AL	AL's main planning document. Maintains up-to-date workload planning data base for the nuclear weapon production complex for workload planning and budgeting and long-range planning and estimating.	8.1
Authorization Schedule	WPD	Places program in Phase 4. Authorizes tooling, material procurement, and fabrication of components necessary to support requirements for authorized procurement period.	3.2, 3.3
B Document	ONDP Technical Support Contractor	Contains interproject group definitions that are directive for new production and factory retrofit or field retrofit kits when required.	3.3, 3.6, 8.1
Base Spare Repair List	SNL MLE	Identifies repairable, low-inventory or high-cost items that are beyond DoD repair capability.	7.1
C Document	ONDP Technical Support Contractor	A directive schedule supporting rebuild of laboratory and flight test samples to WR status.	3.3
Calibration Laboratories and Measuring and Test Equipment - General Requirements	ANSI/NCSL	Contains the general requirements that must be met for the management and operation of a standards and calibration program.	8.4
Complete Engineering Release	DAs	Issued before Phase 5 to authorize fabrication of required quantities of parts, subassemblies, or assemblies.	3.2

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Cost of Nonconformance (CONC) Report	PAs	Lists dollar values and percent of product scrapped, lost, or reworked. Also reports SXR costs and standard hours earned for determination of CONC.	1.3
Cycle Reports	SNL	Discusses report support activities of nuclear laboratories.	8.1
D Document	ONDP Technical Support Contractor	A disposal plan for all of the material of a weapon.	3.3
Daily Change Report	PAs	Contains weapon activity performed by PAs for previous 24 hours for (1) DOE acceptance of new weapons, (2) DOE reacceptance of weapons, (3) weapon acceptance withdrawals, (4) receipts, (5) shipments, (6) deletions from inventory, (7) corrections, and (8) status and project changes.	4.3, 4.4
DD Form 448-2	WPD	Indicates acceptance of a Military Interdepartmental Purchase Request for equipment for the DoD.	7.5
Delivery Performance Report	PAs	Compares shipments scheduled versus shipments made monthly for regular production and special production.	1.3
Directive Schedule	WPD	Establishes firm first-production delivery dates. Confirms or extends authorized procurement period. Defines weapon protected period. Schedules all factory retrofits. Schedules as line orders retirement and disposal of WR and stockpile reportable components.	3.3, 5.1
Disposal Activities Report	Y-12 Plant	Reports all nuclear disposal activity at Y-12.	4.4
E Document	ONDP Technical Support Contractor	A schedule for production of nuclear and nonnuclear support material for quality evaluation.	3.3, 8.1
DOE-DNA TP 50-2	DOE and DTRA	Procedures for use and control of logistic codes for PAL-equipped weapons.	2.5
Economy Act of 1932	DOE and DoD	Authorizes reimbursable sale, transfer, and delivery of material and repair services from DOE to DoD.	1.5, 7.4, 7.5
Emergency Capability Release	SNL through AL	Releases a weapon and/or major assemblies for use when not all prerequisites for a major assembly release have been satisfied.	2.4
Engineering Procedures	DAs	Serve to implement technical requirements related to nuclear weapon products. Now being implemented as Technical Business Practices.	2.8
Equipment Requirements Schedule	DTRA	Periodic statement of DoD requirements for nuclear weapons program material.	7.4

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Excess List	PAs	Yearly statement by PAs to WPD that identifies items in PAs inventory as excess or obsolete.	4.1
Final Weapon Development Report	DAs	Submitted during Phase 5 to Design Review And Acceptance Group to update preliminary or interim reports.	3.2
Hold Order	SNL through AL	Recommends prohibiting operational use of specific major assemblies.	2.7, 7.3
Incident Report	DOE and DoD agencies	Report on unexpected event involving a nuclear weapon, component, or facility that could result in explosion, radioactive contamination, substantial change in yield, increased dud probability, or damage to weapon, component, or facility. Does not constitute a nuclear accident.	6.1
Integrated Contractor Order	DOE Contractors	A formal requisition from one contractor to another for delivery of material, equipment, or services in support of DOE work.	9.4
Integrated Phase 2 Report	POG	Combination of drafts of military characteristics, stockpile-to-target sequence, reports, and weapon systems descriptions originated in Phase 1.	3.1
Integrated Phase 2A Report	POG	A revised Phase 2 Report that includes supplemental information.	3.1
Justification of Major System New Start Statement	DoD	Submitted to originate a Phase 1 weapon study.	3.1
Limited Life Component Support Definition	ONDP Technical Support Contractor	Describes limited life components and Group X kits.	3.3, 5.2
Major Assembly Release	SNL through AL	Statement that WR weapon material is satisfactory for release on a designated date to the DoD.	2.4, 3.2
Master Nuclear Schedule	WPD	A series of three volumes published for management of nuclear materials and scheduling of limited life components.	5.2, 8.1
Memoranda of Agreement/ Understanding	DOE/DoD	Provide guidance to agencies involved in weapon development programs.	1.1
Military Inter-departmental Purchase Request	DoD and military services	States DoD military requirements for equipment to the DOE.	1.5, 7.5
Monthly Inventory Report	SSD	Reports, by weapon system, the quantity, status, and location of all weapons in the nuclear weapon stockpile.	4.4

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Monthly Spares Status Reports	Local DOE offices	Reports on status of all DTRA purchase orders for base spares, military spares, and off-schedule material.	7.1
Monthly Test Status Report	SNL QA	Provides results of QEST tests completed during the previous month.	8.1
Neutron Generator Report	PAs	Reports shipments, receipts, and expenditures of neutron generators. Reports shipments to and receipts from DoD and Pantex and expenditures at Pantex. Reporting facilities are SNL, Savannah River, and Pantex.	4.3
New Material and Stockpile Evaluation Schedule	WSD	Reports weapon system; cycle number; SLT, SFT, NMLT, and NMFT quantities; sample-selection date; serial numbers; modification numbers; line order numbers from PCD; and incremental and cumulative quantities for returns and JTA builds.	8.1
New Material and Stockpile Evaluation Plan	SNL	Includes test and evaluation objectives for weapon systems, joint flight and laboratory tests, and stockpile evaluation tests.	3.2, 8.1
Nuclear Weapon Subsystem Test Plan	Lead DoD agency and AL	Describes weapons subsystem testing; DOE and DoD responsibilities for integrating, coordinating, and implementing the testing.	3.2, 8.1
Operating Budget Handbook	AL	Defines budget categories for items used to support NMSEP.	8.1
Pantex Quality Assurance Production Plan	Pantex Plant	Reports schedules of quality assurance activities, schedule revisions, and schedule status, including NMLT D&I, SLT D&I, and test bed assembly period. May also include JTA residue D&I.	8.1
Phase 1 Report	POG	Reports results of Phase 1 study and includes draft military characteristics, proposed Stockpile-to-Target Sequence, and recommendations for future study.	3.1
Phase 2A Report	POG	Revision of integrated Phase 2 report. Contains assessments of weapon feasibility and impacts and estimates of resource needs.	3.1
Pilot Production Program Definition	AL	Lists quantities of each item to be manufactured to support pilot production, including quantities for Tool-Made Samples, quality samples, and Engineering Evaluations.	1.2, 3.2, 8.1, 8.2
Planning Schedule	WPD	Contains preliminary information about Phases 3, 4, 5, and 6 and estimated dates for release of product for procurement, production, and delivery. States planned total quantities and monthly delivery rates currently anticipated.	3.3, 5.1

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Preliminary Weapon Development Report	SNL	Reports weapon development status and provides design objectives, weapon descriptions, proposed test programs, ancillary equipment requirements, and program schedules.	3.2
Preproduction Report	WPD	Prepared for DASMASM before Phase 4. Contains information on program status, design and development of problems, and manufacturing concerns that may impact costs or schedules.	3.2
Product Change Proposal	SNL MLE	A formal recommendation for certain kinds of retroactive and in-process changes to weapons and test and handling equipment.	3.2
Production and Planning Directive	DASMASM	Issued by DASMASM to direct AL to produce weapons according to guidance and procurement authorization contained in the document.	1.1, 3.2, 4.4, 5.2
Production Program Definition	ONDP Technical Support Contractor and Pantex Plant	A part of the Program Management Document. Contains "A", "B", "C", "D", and "E" documents and limited life component support definition. Implements production and retirement assignments.	3.2
Production Status Reports	SNL, DOE Oak Ridge Operations Office, PAs	States program status, including any design and development problems and details on manufacturing problems likely to impact time scales or costs.	7.4
Program Control Document	WPD and ONDP Technical Support Contractor	Implements current production and retirement directives from DASMASM and provides programming and administrative guidance for weapons production and retirement.	3.2, 3.3, 3.6, 5.1, 7.3, 7.4, 7.5, 8.1
Program Management Document	WPD and ONDP Technical Support Contractor	Provides production complex with a single, controlled source of programming information required to procure, produce, and deliver material for interproject and ultimate use and for retirements.	3.2, 3.3
Qualification Evaluation Release	DAs	Gives results of qualification and evaluation activities conducted on products and processes during Phase 4 of weapon production.	3.2
Rebuild Support Definition	ONDP Technical Support Contractor	Defines material required to support rebuilding of laboratory and flight test samples to WR.	3.3
Reimbursable Equipment Schedule	AL	Schedules ancillary equipment required by the DoD.	1.5, 7.5
Retirement Disposal Instruction	ONDP Technical Support Contractor	See "D" Document.	3.2, 3.3

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Retirement/Disposal Program Control Document	WPD	Identifies PA responsible for weapon disposal on each weapon program. Also provides schedules for return and disposal of WR units and provides yearly retirement schedules.	4.4
Secondary Shipment Status Report	Pantex Plant	Tracks quantity of secondaries, disassembled, backlogged, and available for shipment at Pantex.	4.4
Significant Finding Investigation Report	DAs	Reports evaluation activities, quantities tested and failed, reliability assessments, and reliability justification.	8.1
Significant Finding Notification	PAs	Is notification that a potential weapon defect is a significant finding.	8.1
Spare Parts List	SNL MLE	Identifies spare parts agreed to at the DOE/DoD initial provisioning meeting, 2 years before Phase 5.	1.5, 7.1
Special Equipment List	SNL	Lists special-design handling and test equipment required for field use with a specific weapon system.	1.5, 7.4
Special Unsatisfactory Report	DOE and DoD agencies	Notification that indicates a deficiency in procedures or in DOE material that affects capability of an organization, weapon reliability, or safety.	6.1
Specification Exception Release	DAs	Authorizes use of a specific quantity of a product that does not completely meet its product definition.	2.1, 3.6
Stop-Production Notice	DAs	A communication to a PA that explains reason for production stoppage, describes corrective engineering action being considered, and estimates resumption of production and delivery.	2.2
Strike Impact Assessment	PAs	Assesses probable impact of labor strikes on weapons production.	1.4
Summary of Ongoing Significant Finding Investigation Reports	PAs	Summarizes ongoing SFIRs, activities, and results for previous month.	8.1
Supplemental Record of Assembly, Disassembly	Pantex Plant	Identifies nuclear and LLCs, by type and serial number, that have been either installed or removed from a specific weapon.	3.2, 4.3
Table of Life	WPD	Provides life and reclamation information for all limited life components in the stockpile.	5.2
Technical Business Practices	DAs	Successor documents to Engineering Procedures.	2.8
Test Status Report	SNL QA	Results of QEST tests completed during previous month.	8.1
Unsatisfactory Report	DOE-DoD Agencies	Notification indicating a deficiency in procedures or in DoD material.	6.1

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Weapons/SNM Staging Report	Pantex Plant	Tracks weapon and component staging capacity at Pantex Plant.	4.4
Weekly Disposal Report	PAs	Reflects, by weapon system, disposal and weapon receipt activities that occur through Sunday of each week.	4.4
Weapon Assembly Book	Pantex Plant	Is a record, for each weapon assembled at Pantex, of the as-built configuration of the weapon and is used as a guide in the process of upgrading to TYPE 5.	3.6
Weapon Design and Cost Report	DOE-DoD Agencies	Discusses development of a detailed warhead design and the DOE costs associated with the designs considered in Phase 2.	3.1, 3.2, 8.1
Weapon Program Description	ONDP Technical Support Contractor	See "A" Document.	3.3
Weapons Reliability Report	SNL	Issued during Phase 3 and provides current assessment for each weapon system.	3.2, 8.1
Weapon Stockpile Report	DoD Field Site	For DOE/DoD inventory records reconciliation, is a report from field sites on their weapon stockpile to DTRA.	4.3
Weapon Support Definition	ONDP Technical Support Contractor	See "B" Document.	3.3, 8.1